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New Insights into Photochromic Compounds

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Deadline for manuscript
submissions:

closed (30 April 2022)

Message from the Guest Editors

The aim of this Special Issue devoted to “New Insights into Photochromic Compounds” is to focus on the design, synthesis, and characterization, or on the unique physical and chemical applications of photochromic compounds. The ability of such molecules to exploit light and induce molecular transformations allows the control of many other molecular properties, from colour to dipole moment and fluorescence, from activation energies to rate constants and half-lives. Therefore, the range of applications of these systems spans from molecular electronics to solar energy storage, from opto-mechanical systems to actuating materials.

In this scenario, fundamental studies on the synthesis and physical-chemical properties of new photochromic systems, and the development of novel applications for existing systems can contribute to expanding the emerging technologies in the real world. Submissions regarding all aspects of this interdisciplinary field as original research papers or review articles are highly welcome.

We look forward to your contribution and would be pleased to provide a 20% discount for early submissions before 31 August 2021.



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Special Issue



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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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